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(FILE 'HOME' ENTERED AT 14:53:32 ON 12 MAR 2011)

FILE 'REGISTRY' ENTERED AT 14:55:46 ON 12 MAR 2011

L1 STRUCTURE UPLOADED
L1 D
L2 660 SEA SSS FUL L1
L3 STRUCTURE UPLOADED
L4 20 SEA SUB=L2 SSS FUL L3
L4 D L4 1-20 SQIDE

FILE 'ZCPLUS' ENTERED AT 15:02:54 ON 12 MAR 2011

L5 107 SEA ABB=ON PLU=ON L4
L6 83 SEA ABB=ON PLU=ON L5 AND (PD<=20041119 OR PRD<=20041119)
L7 78 SEA ABB=ON PLU=ON L6 AND (PD<=20031215 OR PRD<=20031215)
L8 77 SEA ABB=ON PLU=ON L7 AND (PD<20031215 OR PRD<20031215)
L8 D L8 1-77 IBIB HITSTR

FILE 'STNGUIDE' ENTERED AT 15:06:53 ON 12 MAR 2011

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 10 MAR 2011 HIGHEST RN 1268232-74-1
DICTIONARY FILE UPDATES: 10 MAR 2011 HIGHEST RN 1268232-74-1

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TSCA INFORMATION NOW CURRENT THROUGH January 14, 2011.

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

FILE ZCPLUS

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FILE COVERS 1907 - 12 Mar 2011 VOL 154 ISS 12
FILE LAST UPDATED: 11 Mar 2011 (20110311/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Dec 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Dec 2010

ZCAplus now includes complete International Patent Classification (IPC) reclassification data for the fourth quarter of 2010.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE STNGUIDE
FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Mar 7, 2011 (20110307/UP).

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

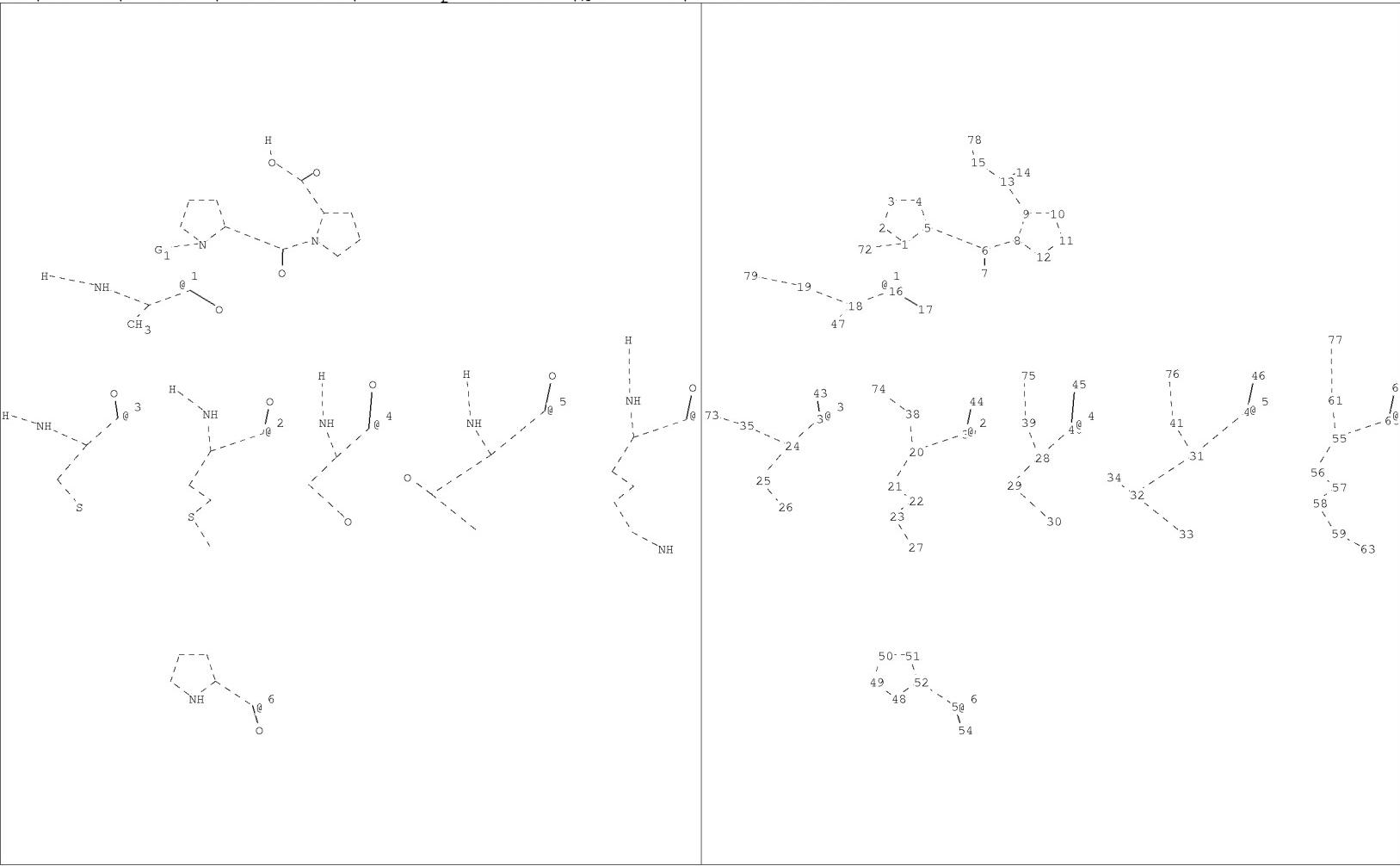
Structure attributes must be viewed using STN Express query preparation.

L2 660 SEA FILE=REGISTRY SSS FUL L1
L3 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

L4 20 SEA FILE=REGISTRY SUB=L2 SSS FUL L3
L5 107 SEA FILE=ZCPLUS ABB=ON PLU=ON L4
L6 83 SEA FILE=ZCPLUS ABB=ON PLU=ON L5 AND (PD<=20041119 OR PRD<=20041119)
L7 78 SEA FILE=ZCPLUS ABB=ON PLU=ON L6 AND (PD<=20031215 OR PRD<=20031215)
L8 77 SEA FILE=ZCPLUS ABB=ON PLU=ON L7 AND (PD<20031215 OR PRD<20031215)



chain nodes :

6	7	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
35	36	37	38	39	40	41	42	43	44	45	46	47	53	54	55	56	57	58	59	60	61	62	63
72	73	74	75	76	77	78	79																

ring nodes :

1	2	3	4	5	8	9	10	11	12	48	49	50	51	52
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chain bonds :

1-72	5-6	6-7	6-8	9-13	13-14	13-15	15-78	16-18	16-17	18-19	18-47	19-79	20-21	20-37		
20-38	21-22	22-23	23-27	24-25	24-35	24-36	25-26	28-29	28-39	28-40	29-30	31-32				
31-41	31-42	32-33	32-34	35-73	36-43	37-44	38-74	39-75	40-45	41-76	42-46	52-53				
53-54	55-56	55-60	55-61	56-57	57-58	58-59	59-63	60-62	61-77							

ring bonds :

1-2	1-5	2-3	3-4	4-5	8-9	8-12	9-10	10-11	11-12	48-49	48-52	49-50	50-51	51-52
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exact/norm bonds :

1-2	1-5	1-72	2-3	3-4	4-5	5-6	6-7	6-8	8-9	8-12	9-10	9-13	10-11	11-12	13-15	15-78
16-18	16-17	18-19	18-47	19-79	20-21	20-37	20-38	21-22	22-23	23-27	24-25	24-35				
24-36	25-26	28-29	28-39	28-40	29-30	31-32	31-41	31-42	32-33	32-34	35-73	36-43				
37-44	38-74	39-75	40-45	41-76	42-46	48-49	48-52	49-50	50-51	51-52	52-53	53-54				
55-56	55-60	55-61	56-57	57-58	58-59	59-63	60-62	61-77								

normalized bonds :

13-14

G1: [@1], [@2], [@3], [@4], [@5], [@6], [@7]

Match level :

1:Atom	2:Atom	3:Atom	4:Atom	5:Atom	6:CLASS	7:CLASS	8:Atom	9:Atom	10:Atom	11:Atom
12:Atom	13:CLASS	14:CLASS	15:CLASS	16:CLASS	17:CLASS	18:CLASS	19:CLASS	20:CLASS		
21:CLASS	22:CLASS	23:CLASS	24:CLASS	25:CLASS	26:CLASS	27:CLASS	28:CLASS	29:CLASS		
30:CLASS	31:CLASS	32:CLASS	33:CLASS	34:CLASS	35:CLASS	36:CLASS	37:CLASS	38:CLASS		
39:CLASS	40:CLASS	41:CLASS	42:CLASS	43:CLASS	44:CLASS	45:CLASS	46:CLASS	47:CLASS		
48:Atom	49:Atom	50:Atom	51:Atom	52:Atom	53:CLASS	54:CLASS	55:CLASS	56:CLASS	57:CLASS	
58:CLASS	59:CLASS	60:CLASS	61:CLASS	62:CLASS	63:CLASS	72:CLASS	73:CLASS	74:CLASS		
75:CLASS	76:CLASS	77:CLASS	78:CLASS	79:CLASS						

